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DESCRIPTORS: *Dyes, *Textiles, Processing.
*Ultrasonics, *Vibration.

Vibrations of 0.1, 3, 22, 175 and 500 kc/sec were used
on viscose, cotton, wool, silk, Perlon, and other
fabrics. Dyeing was accelerated and the depth of color
increased under sonic vibrations although the effect was
insignificant with dense fabrics. Acceleration was
furthered by simultaneous mechanical vibration. The
effect at various ultrasonic frequencies depended upon
the fabrics, but it was greater than with sonic vibra-
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intensity. Highly elastic vibrations intensified the
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